



P1010NSE5HHA

|                     |                                                                                                                                                                                                                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | P1010NSE5HHA                                                                                                                                                                                                                                                                                                 |
| Manufacturer/Brand: | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                               |
| Product description | IC MPU Q OR IQ 1.0GHZ 425TEBGA                                                                                                                                                                                                                                                                               |
| Datasheets:         | <a href="#">1.P1010NSE5HHA.pdf</a><br><a href="#">2.P1010NSE5HHA.pdf</a><br><a href="#">3.P1010NSE5HHA.pdf</a><br><a href="#">4.P1010NSE5HHA.pdf</a><br><a href="#">5.P1010NSE5HHA.pdf</a><br><a href="#">6.P1010NSE5HHA.pdf</a><br><a href="#">7.P1010NSE5HHA.pdf</a><br><a href="#">8.P1010NSE5HHA.pdf</a> |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                                                                                                                                 |
| Ship From           | Hong Kong                                                                                                                                                                                                                                                                                                    |
|                     | <a href="#">REQUEST FOR QUOTATION</a> HL/Fedex/TNT/UPS/EMS                                                                                                                                                                                                                                                   |

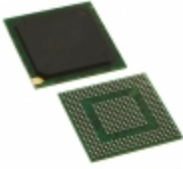
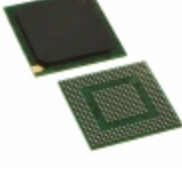
Specifications of P1010NSE5HHA

|                                  |                                                                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | P1010NSE5HHA                                                                                                                                                                                                                                                                                                 |
| MANUFACTURER                     | NXP Semiconductors / Freescale                                                                                                                                                                                                                                                                               |
| DESCRIPTION                      | IC MPU Q OR IQ 1.0GHZ 425TEBGA                                                                                                                                                                                                                                                                               |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                   |
| DATA SHEET                       | <a href="#">1.P1010NSE5HHA.pdf</a><br><a href="#">2.P1010NSE5HHA.pdf</a><br><a href="#">3.P1010NSE5HHA.pdf</a><br><a href="#">4.P1010NSE5HHA.pdf</a><br><a href="#">5.P1010NSE5HHA.pdf</a><br><a href="#">6.P1010NSE5HHA.pdf</a><br><a href="#">7.P1010NSE5HHA.pdf</a><br><a href="#">8.P1010NSE5HHA.pdf</a> |
| VOLTAGE - I/O                    | -                                                                                                                                                                                                                                                                                                            |
| USB                              | USB 2.0 + PHY (1)                                                                                                                                                                                                                                                                                            |
| SUPPLIER DEVICE PACKAGE          | 425-TEPBGA I (19x19)                                                                                                                                                                                                                                                                                         |
| SPEED                            | 1.0GHz                                                                                                                                                                                                                                                                                                       |
| SERIES                           | QorIQ P1                                                                                                                                                                                                                                                                                                     |
| SECURITY FEATURES                | Boot Security, Cryptography, Random Number Generator, Secure Fusebox                                                                                                                                                                                                                                         |
| SATA                             | SATA 3Gbps (2)                                                                                                                                                                                                                                                                                               |
| RAM CONTROLLERS                  | DDR3, DDR3L                                                                                                                                                                                                                                                                                                  |
| PACKAGING                        | Tray                                                                                                                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 425-FBGA                                                                                                                                                                                                                                                                                                     |
| OTHER NAMES                      | 935319564557                                                                                                                                                                                                                                                                                                 |
| OPERATING TEMPERATURE            | 0°C ~ 105°C (TA)                                                                                                                                                                                                                                                                                             |
| NUMBER OF CORES/BUS WIDTH        | 1 Core, 32-Bit                                                                                                                                                                                                                                                                                               |
| MOISTURE SENSITIVITY LEVEL (MSL) | 3 (168 Hours)                                                                                                                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                                                                                                                   |
| GRAPHICS ACCELERATION            | No                                                                                                                                                                                                                                                                                                           |
| ETHERNET                         | 10/100/1000 Mbps (3)                                                                                                                                                                                                                                                                                         |
| DISPLAY & INTERFACE CONTROLLERS  | -                                                                                                                                                                                                                                                                                                            |
| DETAILED DESCRIPTION             | PowerPC e500v2 Microprocessor IC QorIQ P1 1 Core, 32-Bit 1.0GHz 425-TEPBGA I (19x19)                                                                                                                                                                                                                         |
| CORE PROCESSOR                   | PowerPC e500v2                                                                                                                                                                                                                                                                                               |
| CO-PROCESSORS/DSP                | Security; SEC 4.4                                                                                                                                                                                                                                                                                            |
| BASE PART NUMBER                 | P1010                                                                                                                                                                                                                                                                                                        |
| ADDITIONAL INTERFACES            | CAN, DUART, I²C, MMC/SD, SPI                                                                                                                                                                                                                                                                                 |

Related Tags

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| NXP Semiconductors / Freescale P1010NSE5HHA | NXP Semiconductors P1010NSE5HHA         | Freescale P1010NSE5HHA                          |
| Freescale Semiconductor - NXP P1010NSE5HHA  | NXP USA Inc. P1010NSE5HHA               |                                                 |

Related Products

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|  <div><b>P1010NSN5FFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>P1010NSE5HFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>P1010NSE5KHA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>P1010NSN5DFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: 84 pcs<br/><a href="#">RFQ</a></div>    |
|  <div><b>P1010NSE5DFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>P1010NSE5KHB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: 420 pcs<br/><a href="#">RFQ</a></div>   |
|  <div><b>P1010NSE5HHB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>P1010NSN5DFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>P1010NSE5DFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: 84 pcs<br/><a href="#">RFQ</a></div>    |  <div><b>P1010NSE5FFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>P1010NSE5FFA</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |  <div><b>P1010NSE5HFB</b><br/>Manufacturers: NXP Semiconductors / Freescale<br/>Description: IC MPU Q OR IQ 1.0GHZ 425TEBGA<br/>In stock: 84 pcs<br/><a href="#">RFQ</a></div>    |

